

IN THE CLAIMS

Please cancel Claims 1-40 and 46-53 without prejudice or disclaimer of the subject matter.

Please amend Claims 41-45 to read as follows.

1-40. (Canceled).

41. (Currently Amended) A liquid ejecting head for ejecting liquid using a bubble, comprising:

~~an ejection outlet~~ a plurality of ejection outlets for ejecting the ~~liquid~~; liquid;

a plurality of heat generating elements, provided for each of said ejection outlets, for generating heat to form a bubble, each said heat generating element having an area;

a bubble generating region for generating the bubble in the liquid; where the bubbles are generated in the liquid by activation of said heat generating elements;

a movable member, provided for each of said ejection outlets, which is disposed faced to said bubble generating region, and which is region and which has a fulcrum and a free end located downstream of the fulcrum relative to a direction of flow of the liquid, each of said movable members being displaceable between a first position and a second position farther from the bubble generating region than the first position and which has a free end at a downstream side thereof; position, wherein a portion of each of said movable members facing center points of the areas of corresponding heat generating elements is displaceable; and

heating means for applying thermal energy to the liquid so as to move said
movable members without ejecting the liquid, such that the liquid is not ejected without further
application of thermal energy to the liquid,

wherein each of the movable member members is displaced from said first
position to said second position by pressure based on generation of ~~the~~ a corresponding bubble
in said bubble generating region, wherein ~~said bubble expands~~ the bubbles expand more to ~~the a~~
downstream side than to ~~the an~~ upstream side with respect to a direction toward said ejection
~~outlet outlets~~ by the displacement of said movable ~~member;~~ members, thus directing ~~said bubble~~
the bubbles toward ~~said ejection outlet~~ corresponding ejection outlets to eject the liquid through
the ejection outlet; and liquid moving means for changing a state of said liquid by moving said
liquid without ejecting said liquid outlets.

42. (Currently Amended) A liquid ejection head according to Claim 41,
wherein said ~~moving~~ heating means ~~vibrates~~ causes vibration of said movable ~~member,~~ wherein
~~the vibration is caused~~ members by applying energy to bubble generation means, which energy
is lower than that for ejecting the liquid.

43. (Currently Amended) A liquid ejection head according to Claim 42,
wherein ~~said~~ the applied energy is lowered by decreasing a pulse width thereof.

44. (Currently Amended) A liquid ejection head according to Claim 42,
wherein ~~said~~ the applied energy is lowered by decreasing a voltage level thereof.

45. (Currently Amended) A liquid ejection head according to Claim ~~45~~ 42, wherein ~~said bubble generation means has a plurality of heat generating elements, and said vibration is caused by,~~ for each movable member, one of said plurality of heat generating elements corresponding thereto, which generates a bubble ~~not enough~~ insufficient to eject ~~said~~ the liquid, causes the vibration of said movable member.

46-53. (Canceled)